OCTOBER 31, 1921



VOL. XI. NO. 18

Member of the Audit Bureau of Circulations

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THE GARDNER, MOFFAT COMPANY, Inc., Publishers

HIGHLAND, N. Y. 225 FOURTH AVENUE, NEW YORK

D EVERY MONDAY. FORMS CLOSE TEN OUBLY. ENTERED AS SECOND-CLASS MATTE 20, AT THE FOST OFFICE AT HIGHLAND, R ACT OF MARCH 3, 1897.

THOMAS~MORSE AIRCRAFT CORPORATION



THOMAS-MORSE AIRCRAFT CORPORATION

Outober 35, 1905

AVIATION AIDCDAFT JOUDNAL

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While at present the main offset as keepful to hear on quired to take asterlayout charge of them. Thus, after a expect that France which has always led in accommitted de-

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[N view of the lengthy controversy which occurred in the

number relative to the advisability of creating a unifed There is a strong movement on fact in the French Republic for bringing about the marger of the two fighting ser facers and siretopool nutters with the army and easy. There will reveal as problems of French national defines realist that France in more in denger of serial others than auditious by reterring has us a safe place, perhaps they will

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Now, some that to just the condition which meeteds in drouty in carlingent, and others are towing Preach celler in The cases when for a ministry of defense which is being

farment As accomplete department was they could by The military and navel establishment are appearing my mach takinded for the traceing of rates, are mechanics, and over to may analyze about the military and mand or force. It between Poking and Shanghas, sufficiently shows the strides eventually be found in all countries to be the best substant of

Arrahans and Kings

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THE MACHINE THAT MAKES IT

A poet once wrote of the trendal American -

"He'll make the third and

In startedy any other branch of manufacturing in "the marking that makes of" as much an elementary and necessary part of the whole fabrication as in the shops where Glean L. Martin planes are built The perfect vibrationless operation of every part is dependent on the absolute accuracy of the tools, temcolates, pigs and gauges made by The Glean L. Mastin Only machinists of the very highest order can be trusted with this introduce and pewhich is constantly maintained by The Glein L. Murtin Planes



sponsible work for upon a depends so seach of that free repetation for endurance THE GLENN L. MARTIN CO. CLEVELAND



Lessons of the Gordon Bennett Balloon Race By Ralph Upon Pilor of Ballion "Arra Clab of America"

Even in these enlightened days one conseture, bears the Balliconing does not clean to be one more than Metawalogy. At least three national spain look scient part

Instruments. The few balleon is a wonderful medium for



The "Soler", in concerns modified from will be a small

An exercised tree of "commance" made by the Picase

Is the secured of data on wind movement we were small!

merchalle in many varys of all the collectry formation. he wanded with fall confidence that the believe sends need sequentiated on the statescope for all types of bybler-floride each, and should be a valuable and also in the cogtral of cerary. The netropers contrard the functions of concess. certary. The autorizated communicates and reage Easter (European

the balloon which he have not bested. For the first limb we were able to use a captive pajed bediens manuscriptly, when Drangura of the word. How a circu air mars may be altitudes

furthermones. The openinstances recogniting the elect of came received, if was the first time times March that there Maktor Sun ner craft Almost equally to be acted was the success with which the

Ortober 31, 2021

would certainly been done to also if he had had the oppos-Picture Controls. This race has shoved up very duarly the remove printakes and heavels of the came. I get the fem of But call it lack or judgment as you like, the fact remain that to be consistent whenever we will have to be consistent as well as comilie. In particular the melecideal about have top the two ware described and the first American hallons, tests of those belongs to federal microslosed races.

Experiences in the Gordon Bennett Balloon Race

In connection with the above activit the following account houndary for which rends for decision could be given the amountain. With conditions such as these all the contestants

belowing of the bulbours an extremely difficult and even a

to conversion with the Mikitary Ferror, a postpensessed of is made would have been necessary. By moon the ballooms were ready to sail, and welling only land, left the extend with the cheers of thousands of pergin to were busing the Debt. After committation with C. G. Andren, the meteopologist of At it washed received my left the expend of takens would to the year of the occur, and yrangely at 8 o'clock we maked

played such as important part in the war. A few monates



At 4 e'clock in the effernoon we were within the sound of At 4 eriods in the exercison we were within any sound to the Irak Coss. We could lear the lap-lap of the waves apon warron ever the roads, the barbon of dura and nausrons

could be disqualified in the race, and another these, that the a study of the charts we had with us we knew that once these there is being used in connection with the work.

man or more to reach land.

At 5 o'clock in the afternoon we speed two elektrons and lig. Bloken chelren light overheard. One of the shrin Lamadi Every effect was best to stay to the any sy long as we could Every errors was been to real in the ris as roof as an could Seem two of our presenting three boys of better were your, and the draw your also, and we decided to throw overboard all our

At 5 clock all our ballest was goes and we set of all

A New Zeppelin-Staaken Monoplane





Law Namer Hand Wind and Rooms Rec or the New Response Station Consensus Science, Room- Passes

ley reto of uneful load to weath empty (0.390) and the

not seen to differ in property from that of the four-engaged structure. The fencius, is back no of channel and comes

You tracked related of the Kennelle approprie has notice lare will be broad to corre the wage, nor how the portion The two-engined Zeppoint-Stocker will be fitted with a

STORY D. Angel

St. Ash Challes

Wit & Tuesta, More, or that New Two-Essesso Research The central appearance of the new Zeppeks-Steaken monopins may be gathered from the word tunnel model disableted

B.36 Mesocral Fund

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the Hayal Assessandard Bounty II has been excised test the manuscrial shall take this form on it is believed that this offers

Courtbutten should be forwarded to The Secretary, Boyel Arrongstoni Sonsty, 7, Albermarie Street, London, W. 1. spec to conjecture since nething in known as to how the fun-

Multi-Engined Commercial Airplanes By Donald W. McIlbiney

That the transport anythms of the fators on the principal There are sleven acaptanes in the table, two being find toughant and the remainder from boths. There is only use a flying boat, in the selected latt, however, it is only for he count in the Broil B-1 floor surplane, as its F. M. in only maerection to note the growth in favor of the monophen, is

The term arredges to here used as a swarred name. The The form princers is here used in a general some, the averages of the various features of the radiculum machines naturally has a different value 2000 while in the case of the large machines like figure 1800 was need. Thus is somewhat contrary to grantal opinion in

There are improved our different engines and to the foots It will be seen from the takin that while the couler in more than one invience are as follows: 9 Leberty 22, 4 Salvanor 20, 4 Intile Preschee Vd. 5 Napar Lone, 5 Man-

The emphers of models produced in the various years show and of these and not built -007 now cont. The supershall

what a commercial machine phonds be. In the fellow, due to s pr no. This per cond man of Per Load & Hanne * Atlanton and American Journal for Says. 24, 1881

The oriented layer machines contain those with P. M.s own delermaning F. M. in varieti. There are 42 with F. Mb. over 2000, 14 over 4005, 8 over 4005 and 6 over 500

the smeet not stated it was assured to be the markets until

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"Who's Who in American Aeronautics" men who are preminent in American Aeronautics. These shrickes will be published later in pumphlet form. As so many of the officers change their seations aften, it is believed that a

semi-manied into well be necessary. In complicious of this character many errors and conmessions occur. It will be appreciated at corrections are sent to "Whe's Whe" Editor ALTERNATION OF THE PARTY OF THE The Country of States and Personal States

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Robert E. Kennedy

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Promoting a Municipal Field By Ralph B. Eckley

Large utes field it quite easy to find the fifteen or twenty one never reacts from the sale named and from the courtement and rather large densities from promisest business successfully established a field nader very adverse corona-Memorath, Ill., is a small town to western Theses about statems miles from the Mesonerpy error and about severity index court of from intend in the a population in and eight thousand said is located as a risk flavoury district and bearing midely as a shareh and sulton tree. The peculiation is seade my largely of traditions and return farmers, with a few hundred factory men.

The proposition of a landing field was first proposed but
July before the Enshange Clab by Law McMena, a "gypsy"

another address was shown as the two markenes, both of which was now to Manuscott war as the two markenes, both of which was now to Manuscott reveals. The message of the encount. as given seem all official was necessary to everywhen the exclu-tionals publishly in Charago papers with pagerd to a number made pursuity is Chargo popels with region to a number of accelents in the air that occurred during the emission Parameter carrying is to be the main bouness of the com-

Monmosth is use of the two twees between Chongo an

ate with the Retary Clab and the Chamber of Concerne to of one killed and one wannied per 165,630 males flows. Conmeaningly, it is not experience to become the constant errors-ment of serial transports in Prance. The transport of pa-surance has remain developed. Only 200 necessary interfel.

for the entrying of goods and passengers and, so far on our commercial transport assessed in 1820 to 227.320 th. This Curtiss Esstern Auphane Corp.

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This status, will be one ander the direct measurement of the

Aviation in China By Major Da Sonn Chone, C. A. S.

The history of aviation in Chess commerced in 1893, when a Roussian wifet, made the first historical sabilitation on the China an assessedly large throng was altracted from grant Following the example of the army, the Chorese wavel board dutage. The territions and surpostance of aviation was was the establishment of a moved flying school at the assessment visingly of the Possion navy ward. Unlike the air service were returned stadents, who accounted their accountinal train her with a Sommer binbart in Shaneban. Has wenderful sold and derror feets affronted nation-white attention, but to



CONSTRUCTAL VISCO AMPLION, UNIO MY SEES CREATION ASSOCIATIONAL DEPARTMENT, MY NAV Trans ASSOCIATION, MADERICAL PROPERTY OF THE the force people on to the constrablement and confidence in exerted every effect to programs the actors and covered young

in the winter of 1949, avanton made its speek in China with Percer the Revolution of 1911, in which the Mancha monpilot returned from the United States with a highans, but was emountally killed as a frang solubilities. Being the first Chieves victim of an airplant accident, his deeple was despite

gaussing to surprise Ms cursons Occeptal spectators with

country. Since simpleses mold not be manufactured to Clum Page and Victory companies by which the Change recover prices and introduces. It was also agreed upon between the Channe and Regish prevenuents that these arrelance shall be their sellitary usage being in partnerlay ferhalden. In June neutral department. The first chief of the Channe are service was General Toru, major whose wise and officeral

respectly seterogated on second of financial difficulties.

and also by lack of amppher countd by the Great Way. I

American Trained Chinese Place to Cantan by the score from the United States, where they

different military leaders in hombery on well as required and

may and electrony knowledge in any service administration, and the term is only for three months. Upon the completion

Bende performing its work or a flying select, the arr my, wor flying school of New Year is conducting an arrival timelantheir Bone-Telto fight. To express its dense of encouraging Yann and Pring, a defence of about eleven meles. The planes in my are the Voye Commercial type and there tops are made during each tour. It was a great suspice to find At that time, avasion in North Conn was more or less moder the bands of foreigners. Uses the van appreciate of nauton. Many students, but fire and registers, promptly servers to their country. In the rimation, several pour sillers sent out to March, P. I. several months increment. No one could deap the fact that Chien owen a debt of the development of her aviation. There is softwest endered

A French Surgery Airplane By George E. Paul



possibilities of development in this kine of first sad. The reading to especially of currence to ediffere to the relation The plan of the revestor is to have one or more of these

required. With this compared it will be possible for opera-

Myre Regulator Tests with U.S.S. Lowe The old beginning love, will be taken south for garner

amorine during the winter panetness with the Adance and probably the Parille Flori, in Panetne Bay between Feb. 27 and March 5. She will wroused much with the Atlantic first

good, with the negretance of his below and the pilet, will some He'ary Jones, Consuming Officer of the Atlantic First.

Hardin Parkage Parachate at World Series Mrs. Eath culled the parachate refrace at an altitude of 2000 ft. when directly over the Polo Grounds. The folded



Man. Gao. H. Morre, Prope D. G. Hacksonson and Owners

Thomas Morae MR-7 Manualson Company. While it is not yet personable to make waiter the

The dural sum and were developed by A. & D. R. Black

The cover allestyrated of this cases shows the latest product of the Thomas-Marue Aircraft Corp. of Histon, N. Y., the

to deducations varying as distance of from 200 to nearly Fire student offere of these who sampled up the Aur Sarvan

The Communiting Officer of the San Automo Air Intermolecus Denvi has received update to set my approximately ten of the 8th Corps Area. This being the first fanc that this equipment in to be expended in the Ast Service, assenil pales value to the Engineering Division at McCook Field in the devicement of future equipment. Cross-security flights in this pivolets will be appropriate sould the successive testing

properations for the support of the same. Many of the six-

Italian Arr Appropriation

Web reveal to the accompanion for military artistics. the basess own is alloted for the renoval of averton undertail

maintenance of planer, ractors, and other meternl, 1,700,000 lice, seried obstromates, 100,000 lice, and manufactures as

Transportation of Intered Man on Wine of Applica-

Liest, Kenneth B. Collings, a Marine flying officer, at once started by Neissands in a DHI-O viene. On the approx. howhad to be wat in ordints from hand to foot, and accordingly could not be narried in the mond way, apright, in the co-tact of the machine. His co-disting was critical and hospital at-The separal man was accordingly handaged to the syplant with a blooket along a balance and emerica and imbed

of this hands on the wage made the fring "realer diff. all"

Ringing up a Plene The cotice Builds foot of airfeners in regular was between

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October 31, 2021

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EARL P. COOPER AIRPLANE & MOTOR CO.

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IN AMERICA

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"The Bombs Heard 'Round the World"

When, to the anazoment of the majority of observers on the transport Hendemson, the are Grome solutionly Deptembed and the forestern mitizes from the effect of tace 2,000 pound Army afrectif bombs, the doom of navies was not stalled, but aircraft as a third amo of national defense received the world-wide recognition which until then had been desired. This feet will have tremendous influence upone disordopmen of the aircraft insularly.

IT WILL PAY YOU TO KEEP CLOSELY IN TOUCH WITH THESE DEVELOPMENTS AND COMPLETE TECHNICAL DE-TAILS BY READING EACH WEEK THE RECOGNIZED AMERI-CAN AUTHORITY ON APPONAUTICS.

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